



#ABM
18/18-03

Date: Dec. 05, 2002

Mr. Hoffman John
Patent Examiner US PTO
Assistant Commissioner for Patents
Washington, DC 20231

SUBJECT: Patent Application 09/685,204 10/10/2000 which is CIP of 09/268,634 03/16/1999
Title: "Multifunctional Apparatus"

RE: Sum. Pat. App. 09/685,204 10/10/2000. Art Unit -1731, Paper No: 6, dated 08/01/2002
Detailed Action 11-05-02.

The corrections provided in accordance Detailed Action 11-05-02. These corrections however do not change content of originally entered claims and do not contain new elements both in text and figures neither. As regarding notice made in Action 11-05-02 relating claim 1 on page 6 : "It is start out with claim an apparatus and method" I'd like notice that after Summary 08/01/2002 the election of invention "The Multifunctional apparatus..... " in accordance your Summary was made (see my letter dated Sep.17, 2002) and claims also fixed in accordance election. More specifically after Sep. 17, 2002 all claims do not contain "method" anymore. This word was strike through all claims. You can see this correction in claims sent on Sep. 17, 2002. This version is also appended -one more time.

In accordance last Detailed Action dated 11-5-02 the quantity claims is reduced. Now the total quantity claims is 17 instead previous 40 claims. The reduction claims is made in accordance Detailed Action 11-05-02. All claims fixed without changing the content of original claims - they do not contain new elements neither.

Please amend the claims to read - the clean copy of the claims (17 claims instead previous 40) is appended.

I was agree exclude "method" in all claims. The "multifunctional apparatus" better describes multi-functionality of all components of "apparatus" operating simultaneously.

Please amend the title of application 09/685,204 10/10/2000 as follow: "Multifunctional Apparatus to Manufacture Mineral Basalt Fiber" - clean copy of application is appended.

I chose in original (parent) patent application 09/268,634 filed 03/16/1999 both "apparatus" and "method" because numerous US Patents with title: "Apparatus and Method" or "Method and Apparatus.....", see list below:

5,483,965	5,218,963	Device and Method.....
5,842,312	()	Method and Apparatus.....
5,980,700	()	Method and Apparatus for Producing.....
5,946,872	()	Method and Apparatus for Construction Suspended Concrete
5,232,638	()	Apparatus and Method for Producing.....Fibrous...
5,232,638	()	Apparatus and Method for Introducing Additive to Fibrous
4,664,688	(May 12, 87)	Method and Apparatus for Forming Glass Fiber

4,469,499	(09/04/84)	Method and Apparatus for Manufacturing of Glass Fibers
4,724,668	(12/12/89)	Processing and Device for Melting Materials Capable of Forming Fibers
4,853,017	(Aug. 01,89)	Method and Apparatus for The Environmental Control of Fiber Forming Environment
4,594,086	(Jan. 10, 86)	Method and Apparatus for Distributing of Fibers in a Felt
4,437,869	(Mar. 20, 84)	Method and Apparatus for Multi-filament Glass Strand
4,401,451	(Aug. 30, 83)	Process and Apparatus for The Manufacturing of Discontinuous Glass Fibers
4,676,813	(06/30/87)	Method and Apparatus for Forming Glass Fibers
4,675,039	()	Method and Apparatus for Forming Glass Fibers
4,058,386	()	Method and Apparatus for Eliminating External Hot Gas
4,398,933	(Aug. 16, 83)	Method and Apparatus for The Manufacture of Fibers
4,343,637	(Aug 10, 82)	Method and Apparatus for Monitoring Size of Fibers
4,321,074	(Mar.23, 82)	Method and Apparatus for Manufacturing Glass Fibers
3,905,790	(Sep. 16, 75)	Method and Apparatus for Manufacturing Glass Fibers
3,733,188	(May 15, 73)	Method and Apparatus for Forming Glass Fibers
3,877,911	()	Method and Apparatus for Producing Fibers.

2. Some US Patents containing combination of Bushing, Apparatus and Method :

6,044,666	(Apr. 04, 2000)	".....Bushing Blocks, Bushing Assemblies, Fiber Forming Apparatus and Method For Forming Fibers".
4,886,535	()	"Feeder For Glass Fibers and Method of Processing".
4,818,221	(Apr. 04, 89)	"Process and Devices for Melting Materials Capable of Forming Fibers".

The present patent application 09/685,204 10/10/2000 is amend and do not contain word "method" anymore. Please amend the title to read as follow: *"Multifunctional Apparatus to Manufacture Mineral Basalt Fiber"*.

The present invention discloses multifunctional apparatus of forming continuous amorphous basalt fibers in size (diameter) from 7 to 20 microns from natural basalt rocks. The claims of *"Multifunctional Apparatus to Manufacture Mineral Basalt Fiber"* differ from previous Patents.

No changes in the text and in figures of present patent application 09/685,204 10/10/2000 made when compared to previous text /figures have been submitted on Sep.17, 2002 (copy you have). You can compare new version of application dated Dec. 05, 2002 (clean copy is appended) with copy sent on Sep. 17,2002 (this copy also appended).

The Declaration and Supplemental Priority Date Sheet are also fixed in accordance to Detailed Action dated 11-5-02. Please amend both Declaration - Utility Patents and Supplemental Priority Date Sheet (are appended)

Vladimir B. Brik - author

V. Brik

Dec. 05/2002